# BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

**Executive Engineeer**
**Byatarayanapura Division**
**B.B.M.P., Bangalore - 92**

## DRAFT TENDER SCHEDULE

**Name of Work: Repairs to Culverts, Drains and Desilting of Drains, Missing Covering Slabs at Virupakshapura, Kodigehalli in Ward No. 09 (Vidyaranyapura).**

| Sl. No. | Approved Qty. | Description | Unit | In Figures | In Words |
|---|---|---|---|---|---|
| 1 | 279.36 | Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work | Cum | 243.88 | Rupees Two Hundred Forty Three and Eighty Eight Paise Only |
| 2 | 1233.72 | Removing and refixing stone slabs of drains and pointing in CM (1:3) etc complete as per specifications and directions of engineer in charge of the work | Sqm | 111.30 | Rupees One Hundred Eleven and Thirty Paise Only |
| 3 | 160.92 | Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing etc complete as per specifications and directions of engineer in charge of the work | Sqm | 742.00 | Rupees Seven Hundred Forty Two Only |
| 4 | 8.10 | Providing and laying Plain cement concrete of mix 1:3:6 with with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days etc complete as per specifications and directions of engineer in charge of the work | Cum | 5421.90 | Rupees Five Thousand Four Hundred Twenty One and Ninety Paise Only |
| 5 | 32.40 | Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work | Cum | 5811.98 | Rupees Five Thousand Eight Hundred Eleven and Ninety Eight Paise Only |
| 6 | 54.00 | Providing **ruled pointing 20 mm deep** to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work | Sqm | 150.52 | Rupees One Hundred Fifty and Fifty Two Paise Only |
| 7 | 45.00 | Providing **precast slab of 250mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc.,complete as per the direction of engineer in charge - (Data rate Approved). | Sqm | 5418.00 | Rupees Five Thousand Four Hundred Eighteen Only. |
| 8 | 476.80 | Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing etc complete as per specifications and directions of engineer in charge of the work | Sqm | 979.44 | Rupees Nine Hundred Seventy Nine and Forty Four Paise Only |

**Name of Work: Repairs to Culverts, Drains and Desilting of Drains, Missing Covering Slabs a Virupakshapura, Kodigehalli in Ward No. 09 (Vidyaranyapura).**

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| 9 | 46.16 | Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation, plinth and cills**, ncluding cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work | Cum | 5599.98 | Rupees Five Thousand Five Hundred Ninety Nine and Ninety Eight Paise Only |
| 10 | 167.40 | Providing granite slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing etc complete as per specifications and directions of engineer in charge of the work | Sqm | 966.72 | Rupees Nine Hundred Sixty Six and Seventy Two Paise Only |
| 11 | 930.00 | Providing chamfering edges to stone slab 2.5 cms. wide as per specifications. (only chamfered length shall be recorded) etc complete as per specifications and directions of engineer in charge of the work | m | 61.48 | Rupees Sixty One and Forty Eight Paise Only |
| 12 | 411.75 | Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges etc complete as per specifications and directions of engineer in charge of the work | Sqm | 95.40 | Rupees Ninety Five and Forty Paise Only |
| 13 | 102.94 | Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work | Cum | 2001.28 | Rupees Two Thousand One and Twenty Eight Paise Only |
| 14 | 411.75 | Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means etc complete as per specifications and directions of engineer in charge of the work | Sqm | 28.62 | Rupees Twenty Eight and Sixty Two Paise Only |
| 15 | 20.59 | Providing and laying **bituminous macadam** on prepared surface with crushed coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, but excluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications. MORTH /Chapter 5 - using **40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 3.3 % VG-30 Bitumen** etc complete as per specifications and directions of engineer in charge of the work | Cum | 5363.60 | Rupees Five Thousand Three Hundred Sixty Three and Sixty Paise Only |

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| 16 | 1647.00 | Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work | Sqm | 5.30 | Rupees Five and Thirty Paise Only |
| 17 | 1647.00 | Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work | Sqm | 12.72 | Rupees Twelve and Seventy Two Paise Only |
| 18 | 65.88 | Providing and laying **bituminous concrete 40 mm thick** with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - **using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen** etc complete as per specifications and directions of engineer in charge of the work | Cum | 7590.66 | Rupees Seven Thousand Five Hundred Ninety and Sixty Six Paise Only |
| 19 | 59.60 | Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes etc complete as per specifications and directions of engineer in charge of the work | Sqm | 454.74 | Rupees Four Hundred Fifty Four and Seventy Four Paise Only |

"DTS APPROVED"

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ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ.

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**Note:**

1 Item for which no rate or price has been entered ~~in~~ will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)

2 Unit rates and prices shall be quoted by the Tender in Indian rupees.

3 Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a)

4 Where there is a discrepancy between the unit rate and the line item total resulting from multyplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))